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| Term | Documents |
|------------------------------------|-----------|
| 811929A2.DWPI,TDBD,EPAB,JPAB,USPT. | 4 |
| 811929A2S | 0 |
| 811929A2.USPT,JPAB,EPAB,DWPI,TDBD. | 4 |

Database: [US Patents Full-Text Database](#)[JPO Abstracts Database](#)[EPO Abstracts Database](#)[Derwent World Patents Index](#)[IBM Technical Disclosure Bulletins](#)[Refine Search:](#)

811929A2

[Clear](#)**Search History****Today's Date:** 1/17/2001

| <u>DB Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|--------------------------|---|------------------|-----------------|
| USPT,JPAB,EPAB,DWPI,TDBD | 811929A2 | 4 | <u>L25</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 811929A2.pn. | 0 | <u>L24</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | WO9700480 | 3 | <u>L23</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and error\$ and collect\$).ti. | 1 | <u>L22</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and error\$ and table\$).ti. | 3 | <u>L21</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and revision\$ and table\$).ti. | 0 | <u>L20</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and version\$ and table\$).ti. | 2 | <u>L19</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l17 and ((record\$1 or file\$1) same (category\$ or type\$1)) | 4 | <u>L18</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l16 and ((error\$1 or conflict\$1 or warn\$) same (table\$ or database\$)) | 5 | <u>L17</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l15 and (version\$1 or revision\$1) | 14 | <u>L16</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 5119377.uref. | 27 | <u>L15</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 4696003.uref. | 40 | <u>L14</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 4696003.pn. | 3 | <u>L13</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and version\$ and error\$).ti. | 3 | <u>L12</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and database and error\$).ti. | 0 | <u>L11</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l8 and ((stor\$) same (error\$1 or conflict\$1 or warn\$)) | 0 | <u>L10</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l8 and ((stor\$) near5 (error\$1 or conflict\$1 or warn\$)) | 0 | <u>L9</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l7 and table\$1 | 2 | <u>L8</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l1 and ((version\$1 or revision\$1) near5 (difference\$1 or change\$1)) | 3 | <u>L7</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l3 and ((version\$1 or revision\$1) near5 (difference\$1 or change\$1)) | 1 | <u>L6</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 5956513.uref. | 3 | <u>L5</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (5159687 5649200 5748961)![pn] | 8 | <u>L4</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l2 and (dll adj5 file\$1) | 1 | <u>L3</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | l1 and (version\$1 or revision\$1) | 78 | <u>L2</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software adj5 conflict\$1) | 136 | <u>L1</u> |

WEST**Generate Collection****Search Results - Record(s) 1 through 3 of 3 returned.**

1. Document ID: US 6173441 B1

L5: Entry 1 of 3 File: USPT Jan 9, 2001
US-PAT-NO: 6173441
DOCUMENT-IDENTIFIER: US 6173441 B1

TITLE: Method and system for compiling source code containing natural language instructions

DATE-ISSUED: January 9, 2001

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------|-----------|-------|----------|---------|
| Klein; Peter A. | Weehawken | NJ | 07087 | N/A |

US-CL-CURRENT: 717/5; 704/9, 706/50, 717/10, 717/8

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

-
2. Document ID: US 6154878 A

L5: Entry 2 of 3 File: USPT Nov 28, 2000
US-PAT-NO: 6154878
DOCUMENT-IDENTIFIER: US 6154878 A

TITLE: System and method for on-line replacement of software

DATE-ISSUED: November 28, 2000

INVENTOR- INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|----------|-------|----------|---------|
| Saboff; Michael L. | San Jose | CA | N/A | N/A |

US-CL-CURRENT: 717/11; 707/203, 709/331, 717/10

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

-
3. Document ID: US 6145056 A

L5: Entry 3 of 3 File: USPT Nov 7, 2000

US-PAT-NO: 6145056

DOCUMENT-IDENTIFIER: US 6145056 A

TITLE: Method and apparatus for caching the results of function applications with dynamic, fine-grained dependencies

DATE-ISSUED: November 7, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|---------------------|---------------|-------|----------|---------|
| Heydon; Clark Allan | San Francisco | CA | N/A | N/A |
| Levin; Roy | Palo Alto | CA | N/A | N/A |
| Lampson; Butler | Cambridge | MA | N/A | N/A |

US-CL-CURRENT: 711/129; 717/1

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| Term | Documents |
|---|-----------|
| "5956513" USPT. | 4 |
| 5956513S | 0 |
| "5956513".UREF..USPT,JPAB,EPAB,DWPI,TDBD. | 3 |

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Documents, starting with Document:

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WEST**Generate Collection****Search Results - Record(s) 1 through 2 of 2 returned.** **1. Document ID: JP 11143694 A**

L19: Entry 1 of 2

File: DWPI

May 28, 1999

DERWENT-ACC-NO: 1999-376346

DERWENT-WEEK: 199932

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Update procedure of software in joint operation system - involves assigning identifier and version information to software components during loading and assigned information are loaded to assembly table

PRIORITY-DATA: 1997JP-0312225 (November 13, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|--------------|----------|-------|------------|
| JP 11143694 A | May 28, 1999 | N/A | 008 | G06F009/06 |

INT-CL (IPC): G06F 9/06; G06F 9/445

| | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|----------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KWM | Drawn Desc | Image |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|----------------------------|-----------------------|

 2. Document ID: JP 11110197 A

L19: Entry 2 of 2

File: DWPI

Apr 23, 1999

DERWENT-ACC-NO: 1999-317836

DERWENT-WEEK: 199927

COPYRIGHT 2001 DERWENT INFORMATION LTD

TITLE: Software management apparatus for personal computers - has updating information acquisition table which compares version of updating information with version information table software to be updated is displayed to user based on comparison

PRIORITY-DATA: 1997JP-0272879 (October 6, 1997)

PATENT-FAMILY:

| PUB-NO | PUB-DATE | LANGUAGE | PAGES | MAIN-IPC |
|---------------|----------------|----------|-------|------------|
| JP 11110197 A | April 23, 1999 | N/A | 009 | G06F009/06 |

INT-CL (IPC): G06F 9/06; G06F 9/445

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| Term | Documents |
|--|-----------|
| SOFTWARE.DWPI,TDBD,EPAB,JPAB,USPT. | 16160 |
| SOFTWARES.DWPI,TDBD,EPAB,JPAB,USPT. | 35 |
| VERSION\$ | 0 |
| VERSION.DWPI,TDBD,EPAB,JPAB,USPT. | 3507 |
| VERSIONCHANGING.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| VERSIONED.DWPI,TDBD,EPAB,JPAB,USPT. | 39 |
| VERSIONED-DATABASE.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| VERSIONING.DWPI,TDBD,EPAB,JPAB,USPT. | 38 |
| VERSIONING:DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| VERSIONNUMBER.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| ((SOFTWARE AND VERSION\$ AND TABLE\$).TI.).USPT,JPAB,EPAB,DWPI,TDBD. | 2 |

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WEST**Generate Collection****Search Results - Record(s) 1 through 1 of 1 returned.****□ 1. Document ID: US 6119246 A**

L22: Entry 1 of 1 File: USPT Sep 12, 2000
US-PAT-NO: 6119246
DOCUMENT-IDENTIFIER: US 6119246 A

TITLE: Error collection coordination for software-readable and
non-software readable fault isolation registers in a computer
system

DATE-ISSUED: September 12, 2000

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|----------------------------|------------|-------|-----|------|---------|
| McLaughlin; Charles Andrew | Round Rock | TX | N/A | N/A | |
| Kitamorn; Alongkorn | Austin | TX | N/A | N/A | |
| Nulu; Sayileela | Austin | TX | N/A | N/A | |

US-CL-CURRENT: 714/27; 714/15, 714/20, 714/30, 714/34, 714/38,
714/42, 714/54

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| Term | Documents |
|--|-----------|
| SOFTWARE.DWPI,TDBD,EPAB,JPAB,USPT. | 16160 |
| SOFTWARES.DWPI,TDBD,EPAB,JPAB,USPT. | 35 |
| ERROR\$ | 0 |
| ERROR.DWPI,TDBD,EPAB,JPAB,USPT. | 63448 |
| ERRORCAT.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| ERRORCHECKING.DWPI,TDBD,EPAB,JPAB,USPT. | 2 |
| ERRORCNT++.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| ERRORCODE.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| ERRORCOLLECTION.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| ERRORCORRECTION.DWPI,TDBD,EPAB,JPAB,USPT. | 1 |
| ((SOFTWARE AND ERROR\$ AND COLLECT\$).TI.).USPT,JPAB,EPAB,DWPI,TDBD. | 1 |

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| Term | Documents |
|---|-----------|
| "5634114".USPT. | 16 |
| 5634114S | 0 |
| "5634114".UREF..USPT,JPAB,EPAB,DWPI,TDBD. | 15 |

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5634114.uref.

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| <u>DB Name</u> | <u>Query</u> | <u>Hit Count</u> | <u>Set Name</u> |
|--------------------------|--|------------------|---------------------|
| USPT,JPAB,EPAB,DWPI,TDBD | 5634114.uref. | 15 | L33 |
| USPT,JPAB,EPAB,DWPI,TDBD | l31 and ((dll or dynamic library link\$) near5 (file\$)) | 1 | L32 |
| USPT,JPAB,EPAB,DWPI,TDBD | l29 and (system near5 file\$1) | 16 | L31 |
| USPT,JPAB,EPAB,DWPI,TDBD | 29 and (system near5 file\$1) | 12251 | L30 |
| USPT,JPAB,EPAB,DWPI,TDBD | l28 and (conflict\$1 or error\$1 or warn\$) | 23 | L29 |
| USPT,JPAB,EPAB,DWPI,TDBD | l27 and (version\$ near5 table\$) | 42 | L28 |
| USPT,JPAB,EPAB,DWPI,TDBD | 4558413.uref. ('6071317' '5287537' '5892900' '5949876' '5910987' '5915019' '5982891' '5917912' '5701400' '4558413' '5873097' '5974470' '5956513' '5901246' '5875108' '6081750' | 296 | L27 |

| | | | |
|--------------------------|--|-----|------------|
| | '5737601' '5806075' '5935228' '5778395' '6092189' '5471593' '5758347' '5870764' USPT '5857207' '4780821' '5760775' '5872569' '5790119' '5832483' '5418957' '5483652' '5819107' '5666534' '5809329' '5274819' '5444850' '5680547' '5655096' '6003097' '5748980' '5222217' '5617533' '5655148' '5893116' '6098079' '5757669' '6128730' '5721943' '5787246')[PN] | 50 | <u>L26</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 811929A2 | 4 | <u>L25</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 811929A2.pn. | 0 | <u>L24</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | WO9700480 | 3 | <u>L23</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and error\$ and collect\$).ti. | 1 | <u>L22</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and error\$ and table\$).ti. | 3 | <u>L21</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and revision\$ and table\$).ti. | 0 | <u>L20</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and version\$ and table\$).ti. | 2 | <u>L19</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 117 and ((record\$1 or file\$1) same (categor\$ or type\$1)) | 4 | <u>L18</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 116 and ((error\$1 or conflict\$1 or warn\$) same (table\$ or database\$)) | 5 | <u>L17</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 115 and (version\$1 or revision\$1) | 14 | <u>L16</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 5119377.uref. | 27 | <u>L15</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 4696003.uref. | 40 | <u>L14</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 4696003.pn. | 3 | <u>L13</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and version\$ and error\$).ti. | 3 | <u>L12</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software and database and error\$).ti. | 0 | <u>L11</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 18 and ((stor\$) same (error\$1 or conflict\$1 or warn\$)) | 0 | <u>L10</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 18 and ((stor\$) near5 (error\$1 or conflict\$1 or warn\$)) | 0 | <u>L9</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 17 and table\$1 | 2 | <u>L8</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and ((version\$1 or revision\$1) near5 (difference\$1 or change\$1)) | 3 | <u>L7</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 13 and ((version\$1 or revision\$1) near5 (difference\$1 or change\$1)) | 1 | <u>L6</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 5956513.uref. | 3 | <u>L5</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (5159687 5649200 5748961)![pn] | 8 | <u>L4</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 12 and (dll adj5 file\$1) | 1 | <u>L3</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | 11 and (version\$1 or revision\$1) | 78 | <u>L2</u> |
| USPT,JPAB,EPAB,DWPI,TDBD | (software adj5 conflict\$1) | 136 | <u>L1</u> |

WEST

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

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1. Document ID: US 5634114 A

L32: Entry 1 of 1 File: USPT May 27, 1997
US-PAT-NO: 5634114
DOCUMENT-IDENTIFIER: US 5634114 A

TITLE: Dynamic link library version negotiation

DATE-ISSUED: May 27, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|----------|-------|----------|---------|
| Shipley; Glen C. | Portland | OR | N/A | N/A |

US-CL-CURRENT: 717/10; 717/11

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| Term | Documents |
|---|-----------|
| DLL.DWPI,TDBD,EPAB,JPAB,USPT. | 2089 |
| DLLS.DWPI,TDBD,EPAB,JPAB,USPT. | 458 |
| DYNAMIC.DWPI,TDBD,EPAB,JPAB,USPT. | 275964 |
| DYNAMICS.DWPI,TDBD,EPAB,JPAB,USPT. | 31923 |
| LIBRARY.DWPI,TDBD,EPAB,JPAB,USPT. | 44851 |
| LIBRARIES.DWPI,TDBD,EPAB,JPAB,USPT. | 17447 |
| LIBRARYS.DWPI,TDBD,EPAB,JPAB,USPT. | 2 |
| LINK\$ | 0 |
| LINK.DWPI,TDBD,EPAB,JPAB,USPT. | 409725 |
| LINKA.DWPI,TDBD,EPAB,JPAB,USPT. | 95 |
| (L31 AND ((DLL OR DYNAMIC LIBRARY LINK\$) NEAR5 (FILE\$))).USPT,JPAB,EPAB,DWPI,TDBD. | 1 |

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WEST**Generate Collection****Search Results - Record(s) 1 through 11 of 11 returned.** **1. Document ID: US 5787444 A**

L1: Entry 1 of 11 File: USPT Jul 28, 1998
US-PAT-NO: 5787444
DOCUMENT-IDENTIFIER: US 5787444 A

TITLE: Method and apparatus for maintaining revision control of a set of objects within a data processing system

DATE-ISSUED: July 28, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|---------------------------|---------|-------|-----|------|---------|
| Gerken; Christopher Henry | Apex | NC | N/A | | N/A |
| Hanover; Bruce Walter | Cary | NC | N/A | | N/A |
| Joines; Stacy Renee | Raleigh | NC | N/A | | N/A |
| Willenborg; Ruth E. | Apex | NC | N/A | | N/A |

US-CL-CURRENT: 707/203

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

 2. Document ID: US 5764992 A

L1: Entry 2 of 11 File: USPT Jun 9, 1998
US-PAT-NO: 5764992
DOCUMENT-IDENTIFIER: US 5764992 A

TITLE: Method and apparatus for automatic software replacement

DATE-ISSUED: June 9, 1998

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|-----------------|-------------|-------|-----|------|---------|
| Kullick; Steven | Saratoga | CA | N/A | | N/A |
| Titus; Diane | Santa Clara | CA | N/A | | N/A |

US-CL-CURRENT: 717/11

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)

 3. Document ID: US 5603027 A

L1: Entry 3 of 11

File: USPT

Feb 11, 1997

US-PAT-NO: 5603027

DOCUMENT-IDENTIFIER: US 5603027 A

TITLE: Computer program version management system with reduced storage space and enabling multiple program versions to have the same name

DATE-ISSUED: February 11, 1997

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|------------------|--------|-------|----------|---------|
| Ohkami; Takahide | Newton | MA | N/A | N/A |

US-CL-CURRENT: 707/200

| | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|---------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw Desc | Image |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|---------------------------|-----------------------|

 4. Document ID: US 5581764 A

L1: Entry 4 of 11

File: USPT

Dec 3, 1996

US-PAT-NO: 5581764

DOCUMENT-IDENTIFIER: US 5581764 A

TITLE: Distributed computer network including hierarchical resource information structure and related method of distributing resources

DATE-ISSUED: December 3, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|-----------|-------|----------|---------|
| Fitzgerald; Albion J. | Ridgewood | NJ | N/A | N/A |
| Fitzgerald; Joseph J. | New Paltz | NY | N/A | N/A |

US-CL-CURRENT: 717/3; 717/10

| | | | | | | | | | | | |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|---------------------------|-----------------------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw Desc | Image |
|----------------------|-----------------------|--------------------------|-----------------------|------------------------|--------------------------------|----------------------|---------------------------|------------------------|---------------------|---------------------------|-----------------------|

 5. Document ID: US 5574898 A

L1: Entry 5 of 11

File: USPT

Nov 12, 1996

US-PAT-NO: 5574898

DOCUMENT-IDENTIFIER: US 5574898 A

TITLE: Dynamic software version auditor which monitors a process to provide a list of objects that are accessed

DATE-ISSUED: November 12, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE ZIP | CODE | COUNTRY |
|------------------------|-----------------------|-----------|------|---------|
| Leblang; David B. | Wayland | MA | N/A | N/A |
| Allen; Larry W. | Cambridge | MA | N/A | N/A |
| Chase, Jr.; Robert P. | Newton | MA | N/A | N/A |
| Douros; Bryan P. | Framingham | MA | N/A | N/A |
| Jabs; David E. | Sudbury | MA | N/A | N/A |
| McLean, Jr.; Gordon D. | Brookline | MA | N/A | N/A |
| Minard; Debra A. | Newton Upper Falls MA | N/A | | N/A |

US-CL-CURRENT: 707/1; 712/220

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6. Document ID: US 5564051 A

L1: Entry 6 of 11 File: USPT Oct 8, 1996

US-PAT-NO: 5564051

DOCUMENT-IDENTIFIER: US 5564051 A

TITLE: Automatic update of static and dynamic files at a remote network node in response to calls issued by or for application programs

DATE-ISSUED: October 8, 1996

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|----------------------|------------|-------|-----|------|---------|
| Halliwell; Harry | Winchester | N/A | N/A | | GB2 |
| Vaughton; Matthew K. | Romsey | N/A | N/A | | GB2 |

US-CL-CURRENT: 707/200

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7. Document ID: US 5247683 A

L1: Entry 7 of 11

File: USPT

Sep 21, 1993

US-PAT-NO: 5247683

DOCUMENT-IDENTIFIER: US 5247683 A

TITLE: System and method for installing software and updating configuration files

DATE-ISSUED: September 21, 1993

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|-----------------------|--------|-------|----------|---------|
| Holmes; Keith | Dublin | N/A | N/A | IEX |
| Cunningham; Connel G. | Dublin | N/A | N/A | IEX |
| Gleeson; Fiona | Dublin | N/A | N/A | IEX |

US-CL-CURRENT: 709/221; 713/100, 717/11

| | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw. Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------------|-------|

 8. Document ID: US 5155847 A

L1: Entry 8 of 11

File: USPT

Oct 13, 1992

US-PAT-NO: 5155847

DOCUMENT-IDENTIFIER: US 5155847 A

TITLE: Method and apparatus for updating software at remote locations

DATE-ISSUED: October 13, 1992

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|----------------------|-------------|-------|----------|---------|
| Kirouac; Donald L. | Thornhill | N/A | N/A | CAX |
| Porrett; William A. | Unionville | N/A | N/A | CAX |
| Czerwinski; Marek J. | Scarborough | N/A | N/A | CAX |

US-CL-CURRENT: 709/221; 717/11

| | | | | | | | | | | | |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------------|-------|
| Full | Title | Citation | Front | Review | Classification | Date | Reference | Claims | KMC | Draw. Desc | Image |
|------|-------|----------|-------|--------|----------------|------|-----------|--------|-----|------------|-------|

 9. Document ID: US 5019963 A

L1: Entry 9 of 11

File: USPT

May 28, 1991

US-PAT-NO: 5019963

DOCUMENT-IDENTIFIER: US 5019963 A

TITLE: Data processing network with upgrading of files

DATE-ISSUED: May 28, 1991

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|----------------------|------------|-------|-----|------|---------|
| Alderson; Graham R. | Eastleigh | N/A | N/A | | GBX |
| MacFarlane; Peter R. | Winchester | N/A | N/A | | GBX |
| Mori; Tohru | Fujisawa | N/A | N/A | | JPX |

US-CL-CURRENT: 707/201

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Drawn Desc](#) | [Image](#)

10. Document ID: US 4809170 A

L1: Entry 10 of 11

File: USPT

Feb 28, 1989

US-PAT-NO: 4809170

DOCUMENT-IDENTIFIER: US 4809170 A

TITLE: Computer device for aiding in the development of software system

DATE-ISSUED: February 28, 1989

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP | CODE | COUNTRY |
|-----------------------|------------|-------|-----|------|---------|
| Leblang; David B. | Wayland | MA | N/A | | N/A |
| McLean, Jr.; Gordon | Acton | MA | N/A | | N/A |
| Spilke; Howard | Shrewsbury | MA | N/A | | N/A |
| Chase, Jr.; Robert P. | Boston | MA | N/A | | N/A |

US-CL-CURRENT: 717/3; 707/203

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KIMC](#) | [Drawn Desc](#) | [Image](#)

11. Document ID: US 4558413 A

L1: Entry 11 of 11

File: USPT

Dec 10, 1985

US-PAT-NO: 4558413

DOCUMENT-IDENTIFIER: US 4558413 A

TITLE: Software version management system

DATE-ISSUED: December 10, 1985

INVENTOR-INFORMATION:

| NAME | CITY | STATE | ZIP CODE | COUNTRY |
|--------------------|--------------|-------|----------|---------|
| Schmidt; Eric E. | Los Altos | CA | N/A | N/A |
| Lampson; Butler W. | Philadelphia | PA | N/A | N/A |

US-CL-CURRENT: 707/203; 717/11, 717/5

[Full](#) | [Title](#) | [Citation](#) | [Front](#) | [Review](#) | [Classification](#) | [Date](#) | [Reference](#) | [Claims](#) | [KMC](#) | [Draw Desc](#) | [Image](#)[Generate Collection](#)

| Term | Documents |
|---|-----------|
| "5764992"[USPT] | 1 |
| "5787444"[USPT] | 1 |
| "5019963"[USPT] | 1 |
| "5247683"[USPT] | 1 |
| "5564051"[USPT] | 1 |
| "5581764"[USPT] | 1 |
| "4558413"[USPT] | 1 |
| "4809170"[USPT] | 1 |
| "5155847"[USPT] | 1 |
| "5574898"[USPT] | 1 |
| (('5764992' '5787444' '5019963' '5247683' '5564051' '5581764' '4558413' '4809170' '5155847' '5574898' '5603027)[PN]).USPT. | 11 |

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